

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062121\
 Data File : BG049035.D
 Acq On : 21 Jun 2021 16:42
 Operator : CG/JU
 Sample : M2764-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHC-250EM-002

Quant Time: Jun 21 17:17:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

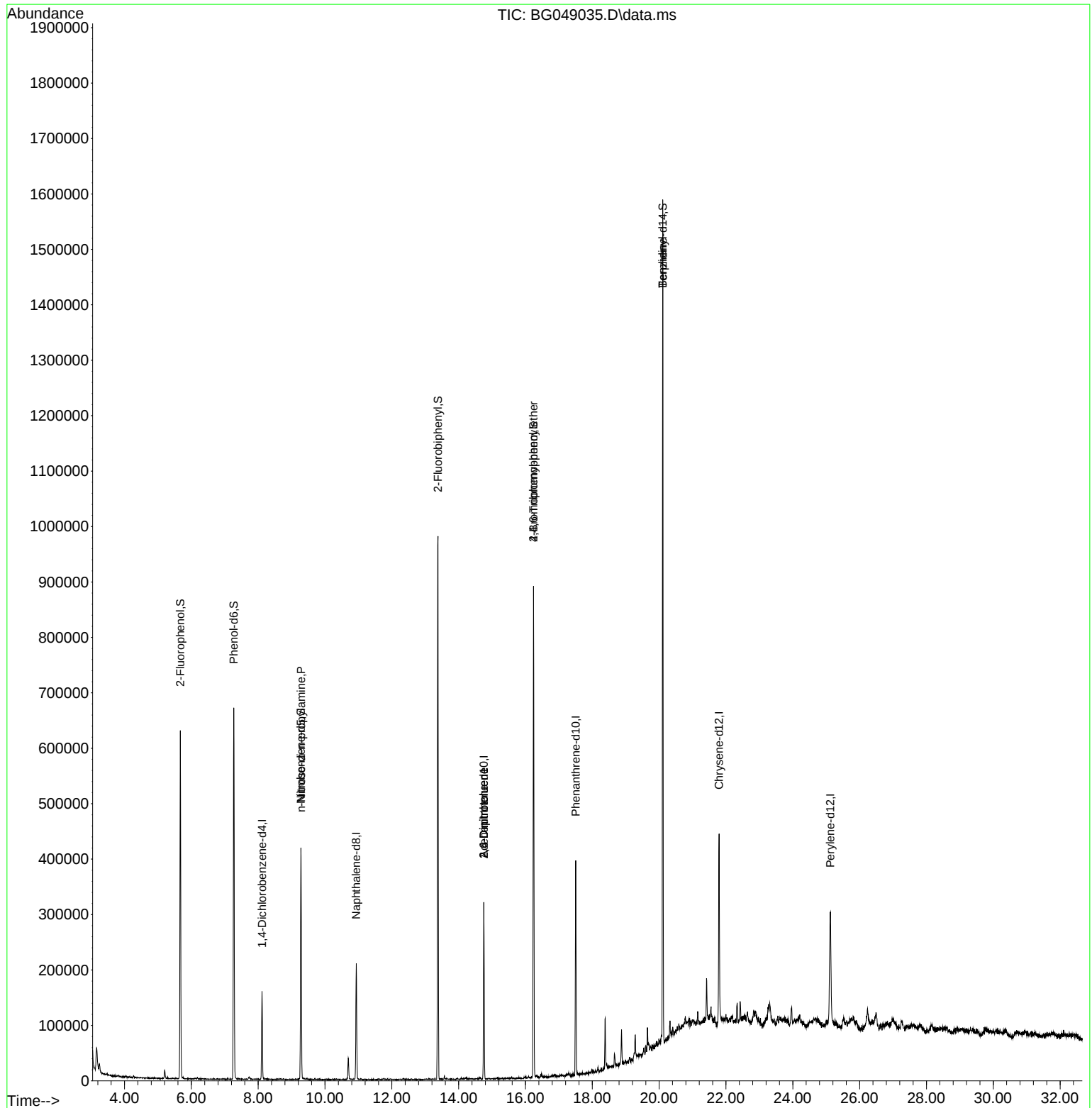
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	39971	20.000	ng	0.00
21) Naphthalene-d8	10.936	136	164631	20.000	ng	# 0.00
39) Acenaphthene-d10	14.755	164	112183	20.000	ng	0.00
64) Phenanthrene-d10	17.505	188	237471	20.000	ng	# 0.00
76) Chrysene-d12	21.794	240	219284	20.000	ng	0.00
86) Perylene-d12	25.125	264	224778	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	248383	96.733	ng	0.00
7) Phenol-d6	7.270	99	344951	89.632	ng	0.00
23) Nitrobenzene-d5	9.279	82	245302	64.249	ng	0.00
42) 2,4,6-Tribromophenol	16.242	330	169247	101.830	ng	0.00
45) 2-Fluorobiphenyl	13.380	172	510305	64.260	ng	0.00
79) Terphenyl-d14	20.108	244	702917	58.706	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.285	70	37440	12.446	ng	# 76
51) 2,6-Dinitrotoluene	14.755	165	14005	7.870	ng	# 12
57) 2,4-Dinitrotoluene	14.755	165	14005	6.407	ng	# 17
67) 4-Bromophenyl-phenylether	16.242	248	10568	3.564	ng	# 1
77) Benzidine	20.108	184	13519	3.060	ng	# 92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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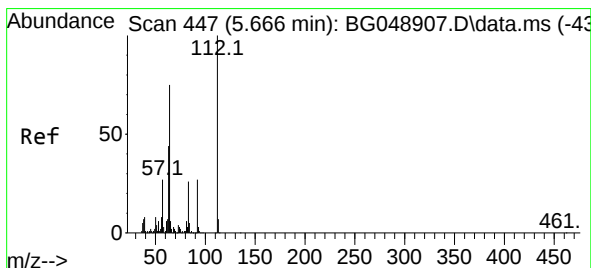
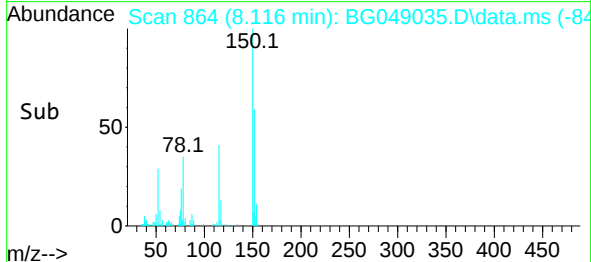
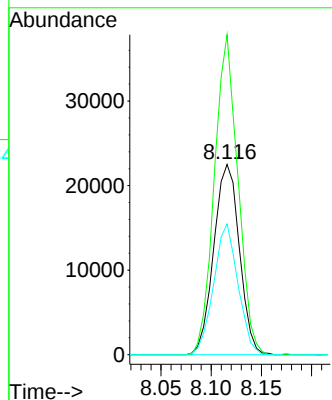
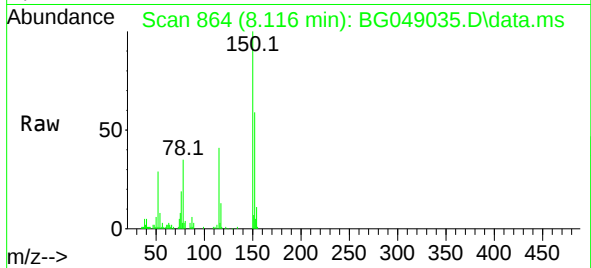




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 864
Delta R.T. 0.002 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

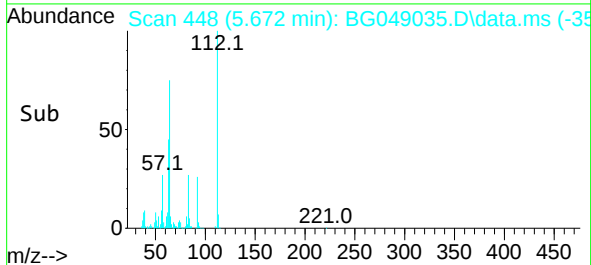
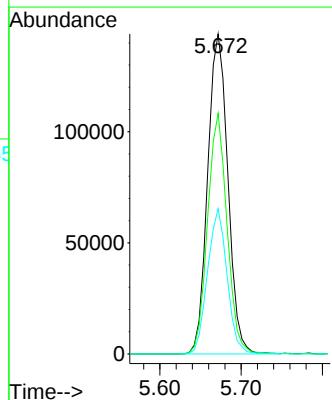
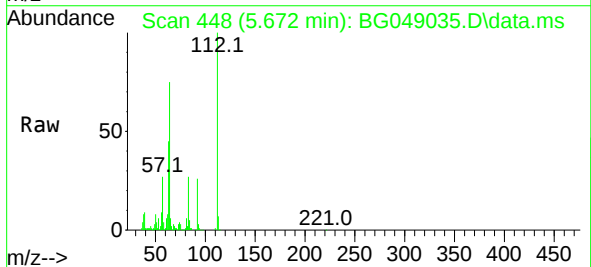
Instrument :
BNA_G
ClientSampleId :
PHC-250EM-002

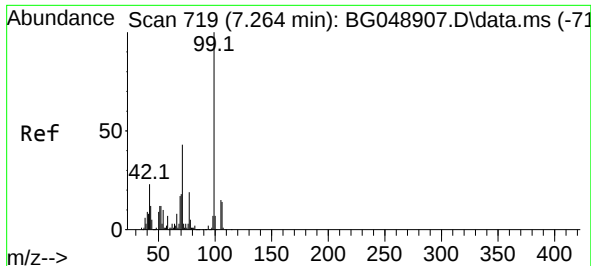
Tgt Ion:152 Resp: 39971
Ion Ratio Lower Upper
152 100
150 168.2 119.4 179.0
115 68.7 60.2 90.4



#5
2-Fluorophenol
Concen: 96.733 ng
RT: 5.672 min Scan# 448
Delta R.T. 0.008 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

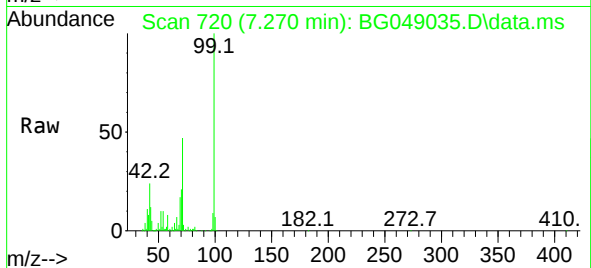
Tgt Ion:112 Resp: 248383
Ion Ratio Lower Upper
112 100
64 75.2 46.7 70.1#
63 45.4 35.3 52.9



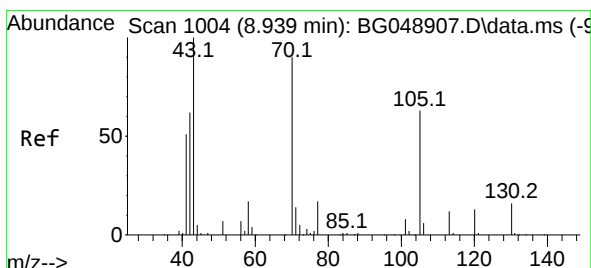
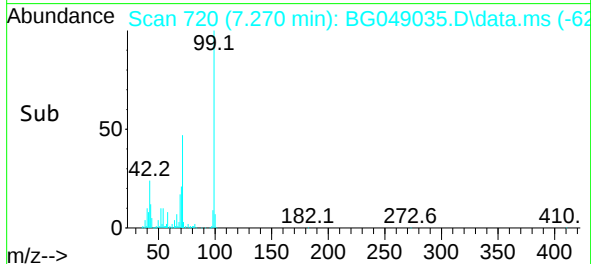
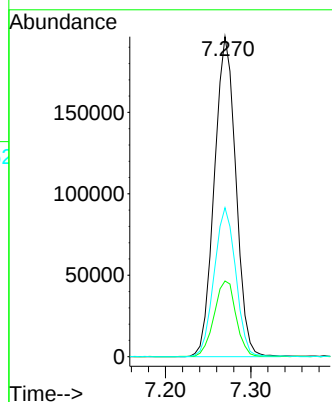


#7
Phenol-d6
Concen: 89.632 ng
RT: 7.270 min Scan# 720
Delta R.T. 0.002 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

Instrument :
BNA_G
ClientSampleId :
PHC-250EM-002

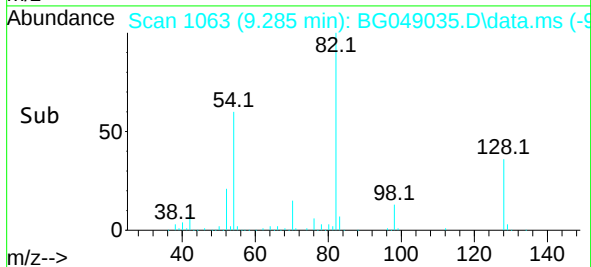
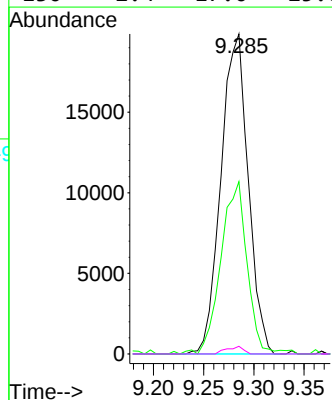
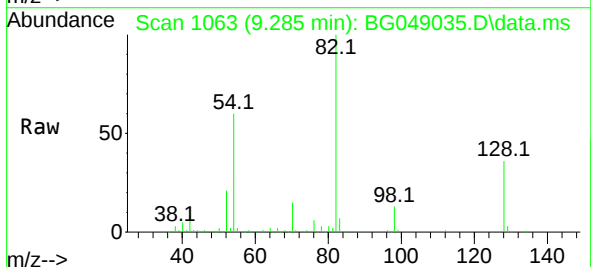


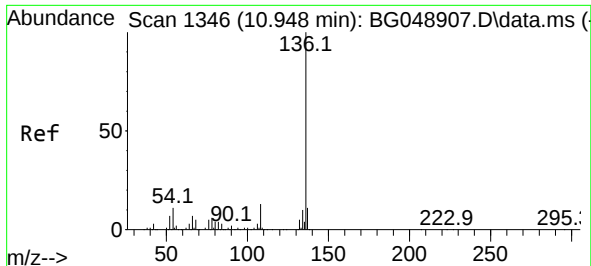
Tgt Ion: 99 Resp: 344951
Ion Ratio Lower Upper
99 100
42 23.6 20.5 30.7
71 46.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.446 ng
RT: 9.285 min Scan# 1063
Delta R.T. 0.361 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

Tgt Ion: 70 Resp: 37440
Ion Ratio Lower Upper
70 100
42 53.8 54.5 81.7#
101 0.0 9.0 13.6#
130 2.4 17.0 25.6#

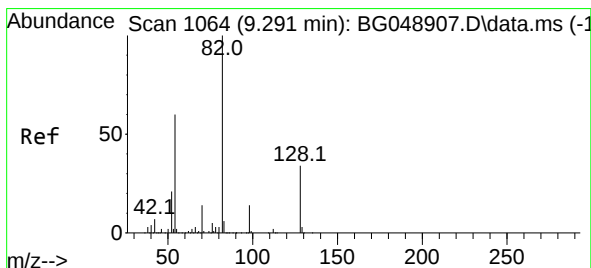
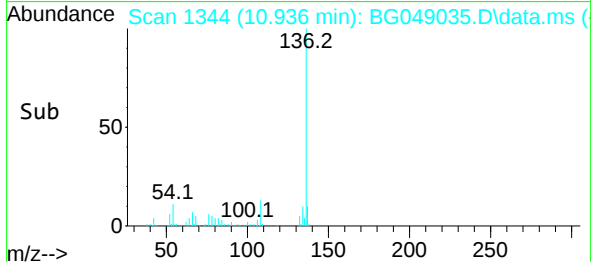
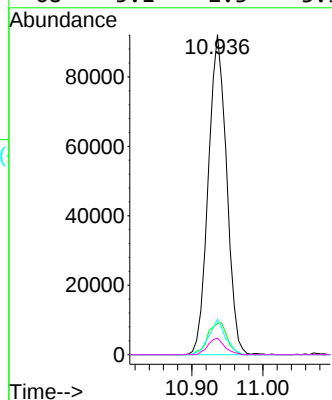
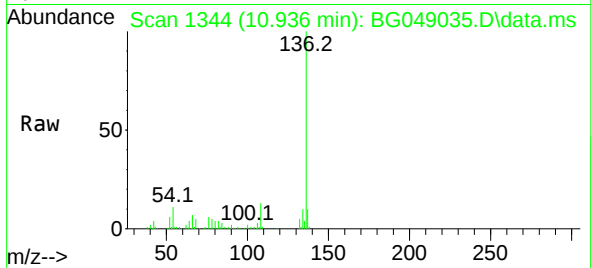




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.936 min Scan# 1344
Delta R.T. -0.004 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

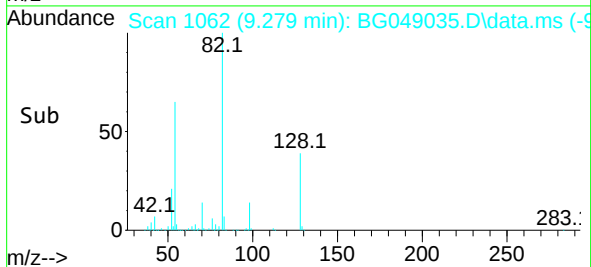
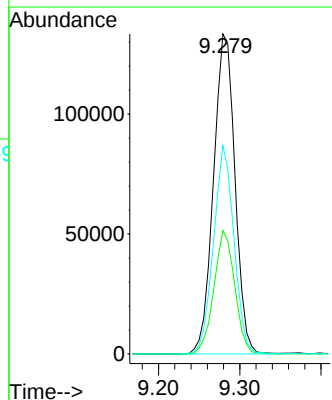
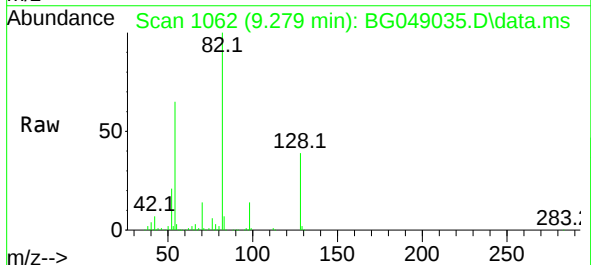
Instrument :
BNA_G
ClientSampleId :
PHC-250EM-002

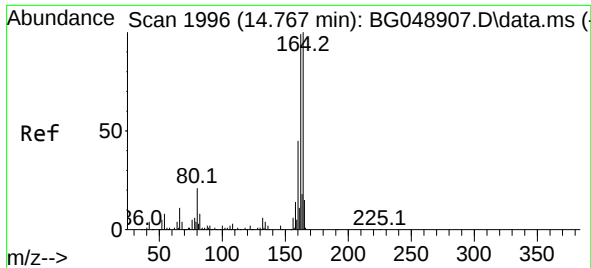
Tgt Ion:136 Resp: 164631
Ion Ratio Lower Upper
136 100
137 9.8 8.2 12.2
54 11.0 5.5 8.3#
68 5.1 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 64.249 ng
RT: 9.279 min Scan# 1062
Delta R.T. -0.004 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

Tgt Ion: 82 Resp: 245302
Ion Ratio Lower Upper
82 100
128 38.5 29.8 44.6
54 65.2 45.8 68.8

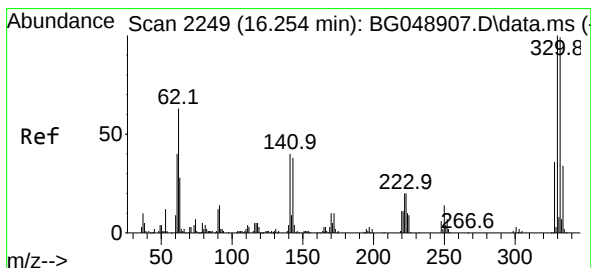
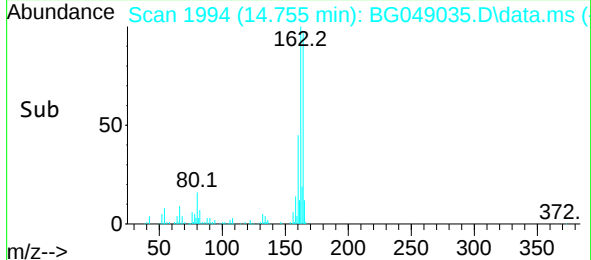
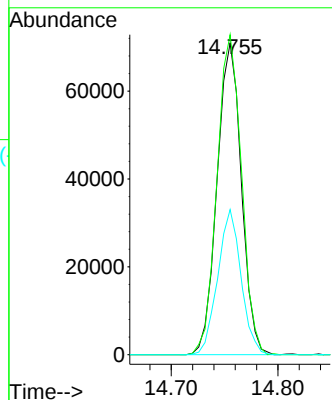
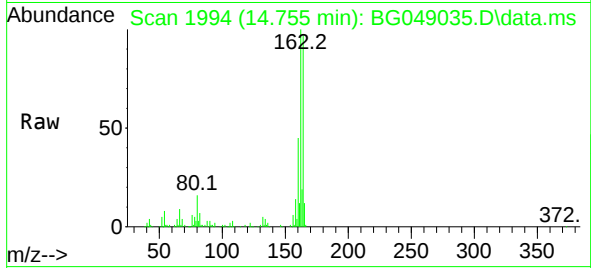




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.755 min Scan# 1994
Delta R.T. -0.004 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

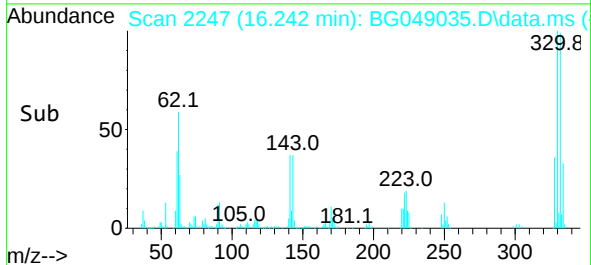
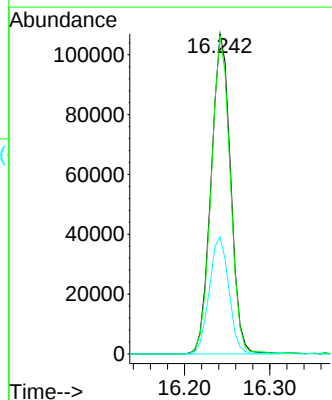
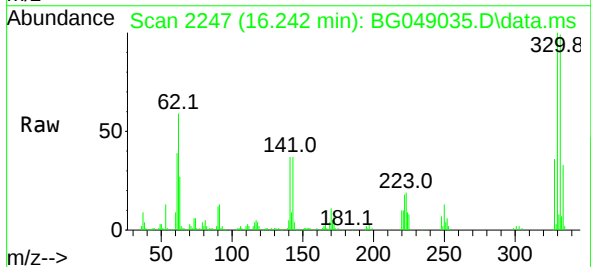
Instrument :
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ClientSampleId :
PHC-250EM-002

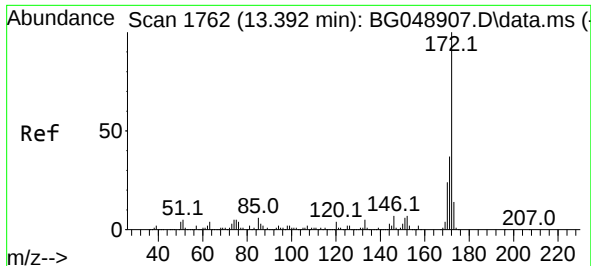
Tgt Ion:164 Resp: 112183
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.0
160 46.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 101.830 ng
RT: 16.242 min Scan# 2247
Delta R.T. -0.004 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

Tgt Ion:330 Resp: 169247
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 36.7 35.6 53.4

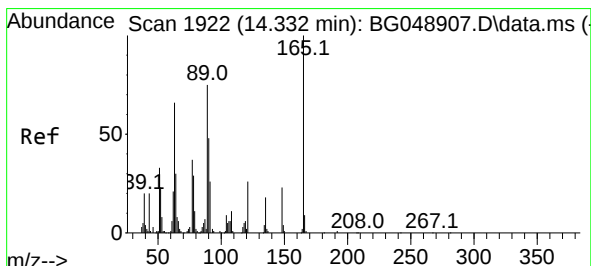
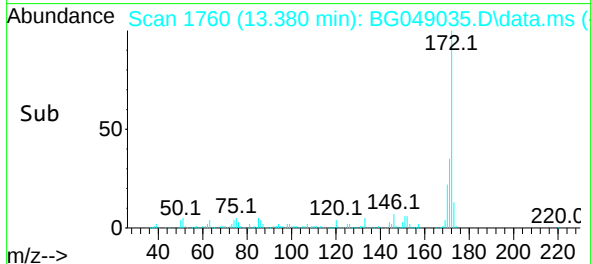
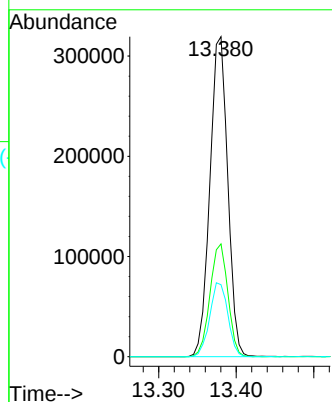
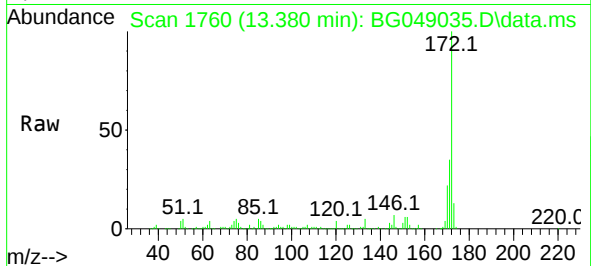




#45
2-Fluorobiphenyl
Concen: 64.260 ng
RT: 13.380 min Scan# 1760
Delta R.T. -0.004 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

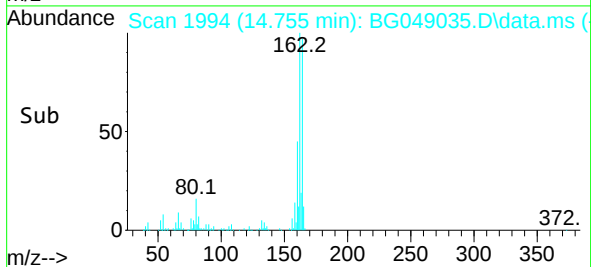
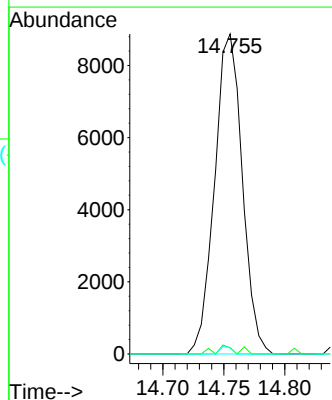
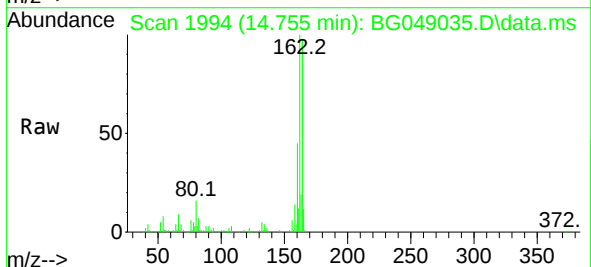
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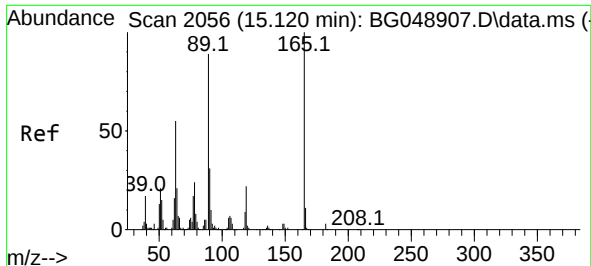
Tgt Ion:172 Resp: 510305
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 22.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.870 ng
RT: 14.755 min Scan# 1994
Delta R.T. 0.431 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

Tgt Ion:165 Resp: 14005
Ion Ratio Lower Upper
165 100
63 1.9 63.3 94.9#
89 2.0 63.4 95.0#

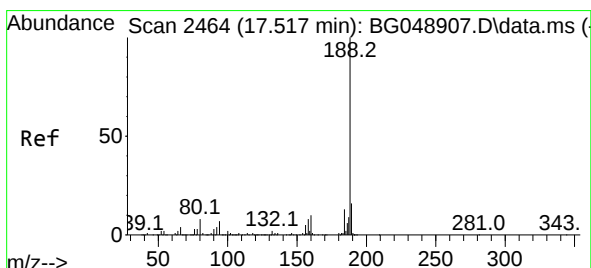
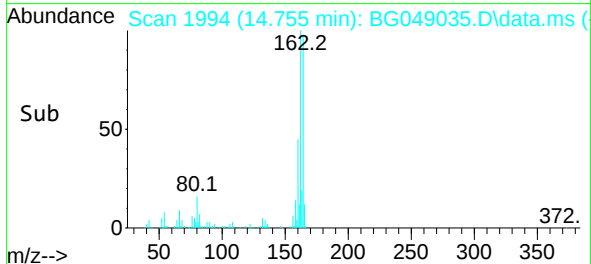
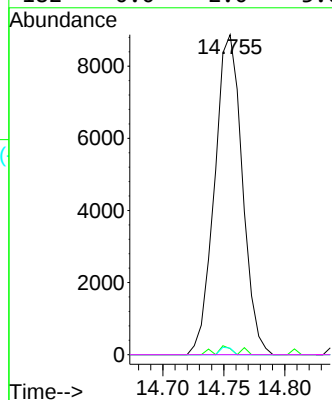
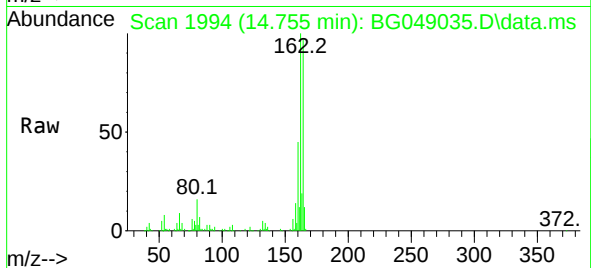




#57
2,4-Dinitrotoluene
Concen: 6.407 ng
RT: 14.755 min Scan# 1994
Delta R.T. -0.356 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

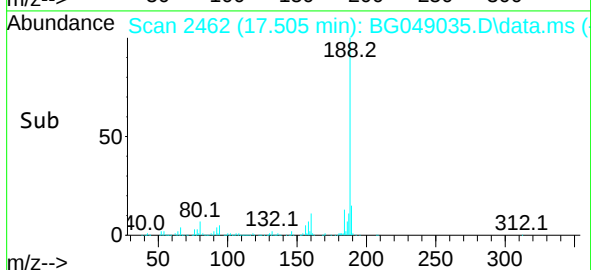
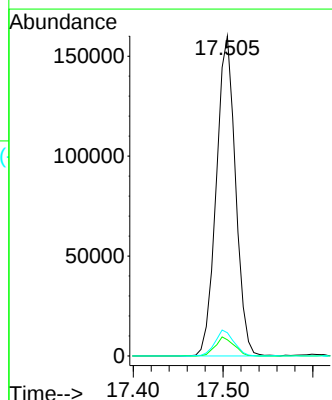
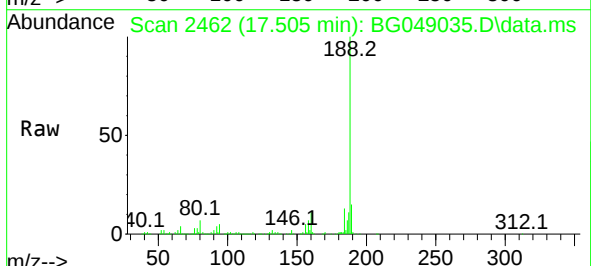
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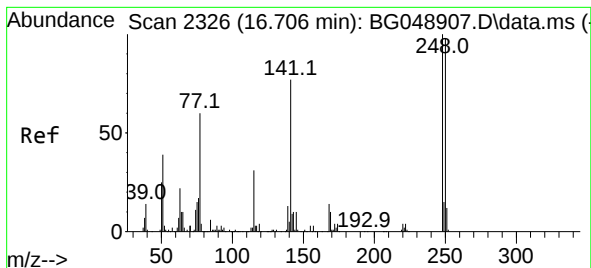
Tgt Ion:	165	Resp:	14005
Ion Ratio	Lower	Upper	
165	100		
63	1.9	48.0	72.0#
89	2.0	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.505 min Scan# 2462
Delta R.T. -0.004 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

Tgt Ion:	188	Resp:	237471
Ion Ratio	Lower	Upper	
188	100		
94	5.1	5.4	8.0#
80	7.2	3.7	5.5#

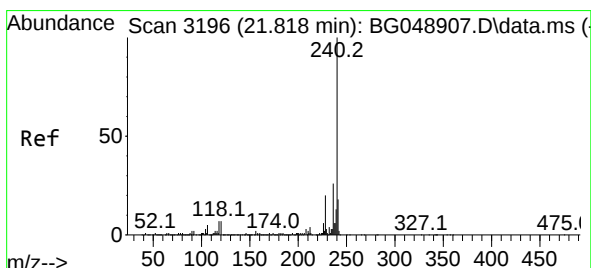
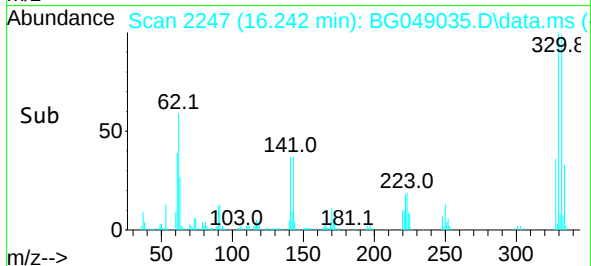
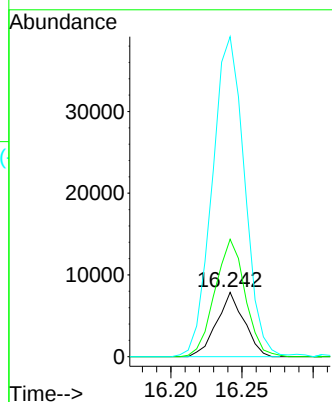
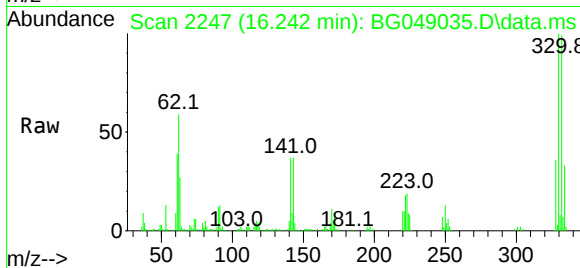




#67
4-Bromophenyl-phenylether
Concen: 3.564 ng
RT: 16.242 min Scan# 2247
Delta R.T. -0.450 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

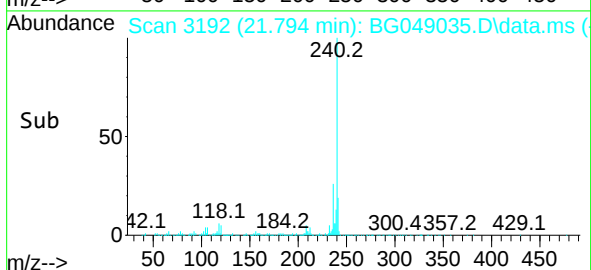
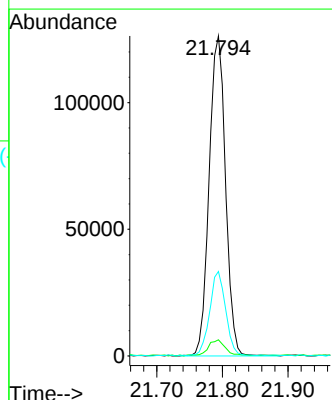
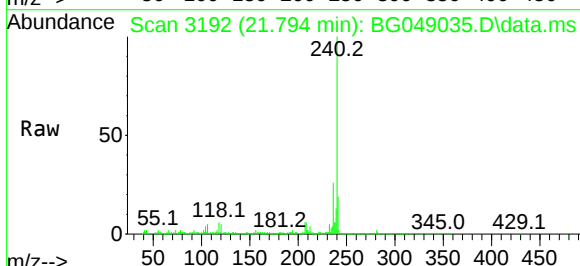
Instrument :
BNA_G
ClientSampleId :
PHC-250EM-002

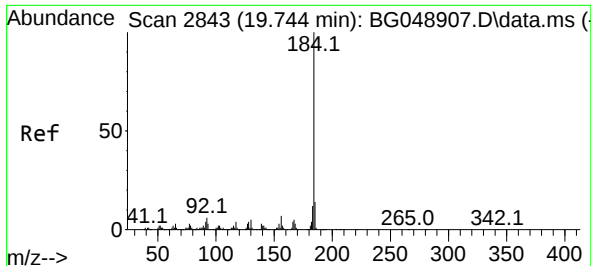
Tgt Ion:248 Resp: 10568
Ion Ratio Lower Upper
248 100
250 182.7 76.1 114.1#
141 497.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.794 min Scan# 3192
Delta R.T. -0.004 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

Tgt Ion:240 Resp: 219284
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 26.4 21.8 32.6

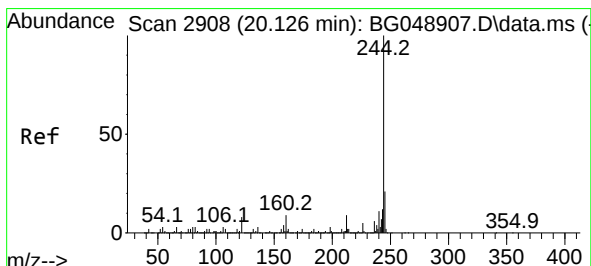
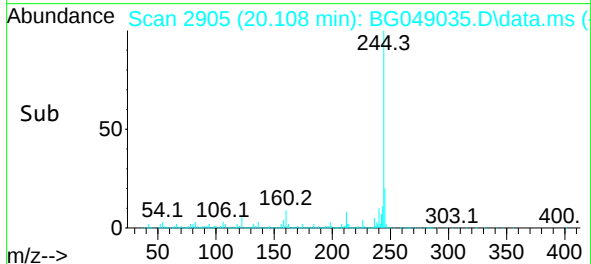
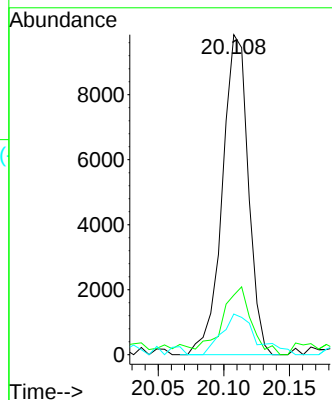
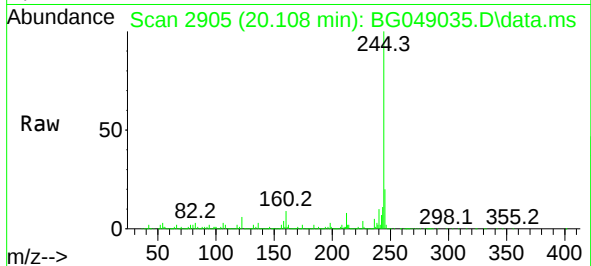




#77
Benzidine
Concen: 3.060 ng
RT: 20.108 min Scan# 2905
Delta R.T. 0.378 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

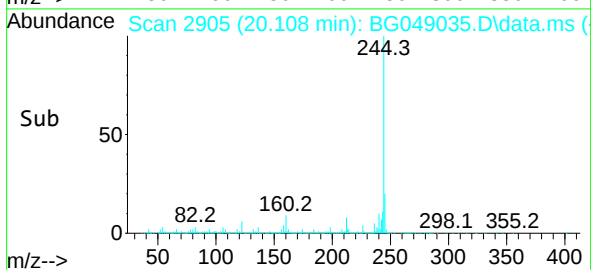
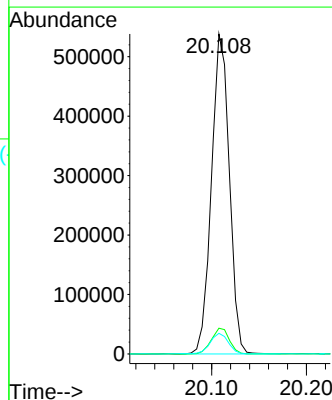
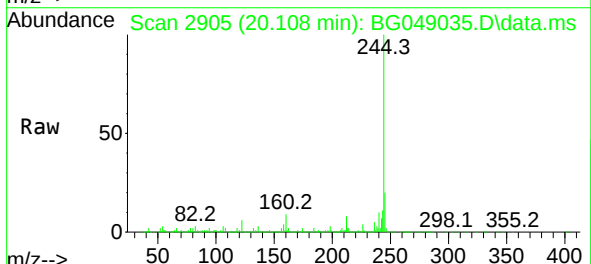
Instrument :
BNA_G
ClientSampleId :
PHC-250EM-002

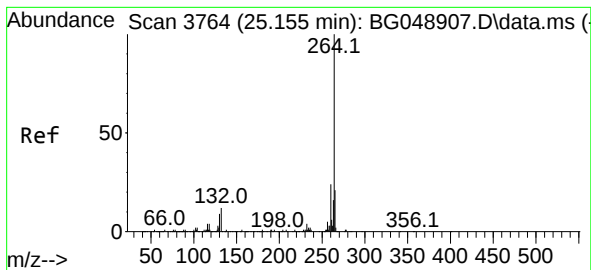
Tgt Ion:184 Resp: 13519
Ion Ratio Lower Upper
184 100
185 18.6 10.7 16.1#
183 12.7 9.4 14.0



#79
Terphenyl-d14
Concen: 58.706 ng
RT: 20.108 min Scan# 2905
Delta R.T. -0.004 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

Tgt Ion:244 Resp: 702917
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 6.4 5.0 7.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.125 min Scan# 3759
Delta R.T. -0.004 min
Lab File: BG049035.D
Acq: 21 Jun 2021 16:42

Instrument :
BNA_G
ClientSampleId :
PHC-250EM-002

Tgt Ion:264 Resp: 224778

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	24.9	16.9	25.3

